

Rabbit anti-Human, Mouse Peroxiredoxin 1/PAG Polyclonal Antibody | anti-PAG antibody

[KD Validated] Peroxiredoxin 1/PAG Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28415	Rabbit	Human, Mouse	Western Blot, Immunofluorescence, Immunocytochemistry

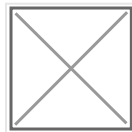
PRODUCT SYNONYMS

Peroxiredoxin 1/PAG; Polyclonal Antibody; [KD Validated] Peroxiredoxin 1/PAG Rabbit pAb; PRDX1; MSP23; NKEF-A; NKEFA; PAG; PAGA; PAGB; PRX1; PRXI; TDPX2; anti-PAG antibody

PRODUCT SPECIFICATIONS

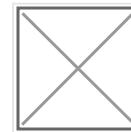
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	PPARAAELTD EDFMRRQILE MSAEEDNLEE DDTATSGRGL AKHGTQKGGP RPRPEPSQEP AALPKRRLPH NATTGYEELL PEGGSAEATD GSGTLQGGLR RFKTIELNST GSYGHELDLG Q
Applicable Applications for anti-PAG antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: 1:500-1:2000 IF/ICC: 1:50-1:200
Positive Samples	HeLa, MCF7, RAW264.7, Mouse kidney, Rat liver
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-199 of human Peroxiredoxin 1/PAG (NP_001189360.1).
Cellular Location	cytoplasm, cytosol, extracellular exosome, extracellular space, melanosome, nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using [KO Validated] Peroxiredoxin 1/PAG Rabbit pAb at dilution of 1:25 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using [KO Validated] Peroxiredoxin 1/PAG Rabbit pAb at dilution of 1:25 (40x lens). Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

Immunofluorescence analysis of MCF7 cells using [KO Validated] Peroxiredoxin 1/PAG Rabbit pAb at dilution of 1:25 (40x lens). Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

Immunofluorescence analysis of HeLa cells using [KO Validated] Peroxiredoxin 1/PAG Rabbit pAb at dilution of 1:25 (40x lens). Blue: DAPI for nuclear staining.

**WB (Western Blot)**

Western blot analysis of extracts from wild type(WT) and Peroxiredoxin 1/PAG Rabbit pAb knockdown (KD) HeLa cells, using Peroxiredoxin 1/PAG Rabbit pAb antibody at 1:2000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 3s.

**WB (Western Blot)**

Western blot analysis of various lysates, using Peroxiredoxin 1/PAG Rabbit pAb antibody at 1:2000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-PAG antibody	This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Four transcript variants encoding the same protein have been identified for this gene.
Product Categories/Family for anti-PAG antibody	Epigenetics & Nuclear Signaling ; RNA Binding ; Cell Biology & Developmental Biology ; Endocrine & Metabolism ; Immunology & Inflammation ; Cardiovascular ; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5052
UniProt Accession #	Q9UPA5
Molecular Weight	Observed MW: 22KDa Calculated MW: 22kDa
UniProt Protein Name	Protein bassoon
UniProt Gene Name	BSN
UniProt Synonym Gene Names	KIAA0434; ZNF231
UniProt Entry Name	BSN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/peroxiredoxin-1-pag-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/28415>